

 Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri



- Heat Sink
- BGA
- Package Size = 49.5 [1.949] mm [in]
- For Use With BGA Semiconductor Packages
- Power Air Velocity Thermal Resistance

8-1542000-0

✓ Active

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Product Drawings:

- None Available

- None Available

- None Available

- None Available

- None Available

- None Available

Additional Information:

- Product Line Information

- Tooling

Product Type Features:

- Product Type = Heat Sink
- Device Type = BGA
- For Use With = BGA Semiconductor Packages
- Finish = Black Anodize
- Material = Cold-Forged Aluminum
- Comment = Mounting clip does not increase overall heat sink height.; Heat sink assembly includes Two Leg Standard Clip, Part Number 1542378-1.

Electrical Characteristics:

- Heat Sink Type = Pin Fin 3
- Fan Type = No Fan

Termination Related Features:

- Height (mm [in]) = 27.94 [1.100]

Body Related Features:

- Package Size (mm [in]) = 49.5 [1.949]
- Flammability Rating = UL 94V-0

Configuration Related Features:

- Diameter (mm [in]) = 50.80 [2.000]

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Other:

- Brand = Tyco Electronics
- Line = ChipCoolers

When Power (W) is:	And Air Velocity is:	Thermal Resistance (°C) is:
5.0	0 LFM	8.64
5.0	200 LFM	4.45
5.0	400 LFM	2.80
5.0	600 LFM	2.00
10.0	0 LFM	7.86
10.0	200 LFM	4.49
10.0	400 LFM	2.89
10.0	600 LFM	2.38
15.0	0 LFM	7.38
15.0	200 LFM	4.57
15.0	400 LFM	2.95
15.0	600 LFM	2.42